EMSL Analytical, Inc., IH Laboratory, 3 Cooper Street, Westmont, NJ 08108 phone (800)220-3675

April 4, 2007

Porter Morgan Blackstone Consulting, LLC 339 Bluejay Way Orlando, FL 32828

Email: pmorgan@blackstoneconsulting.com

RE: EMSL 280700451

Project:

TO-15 ANALYSIS

Dear Porter:

Attached please find the lab report and results for the above referenced analysis. If you have any questions or need further information please do not hesitate to contact me at extension 1275. If you require data interpretation, please contact Vince Daliessio, CIH, at extension 1240.

Sincerely,

Scott VanEtten Senior Chemist

IH Laboratory Manager

M. Howley for

NJ-NELAP Laboratory No. 04653

Can ID:

Lab Name:EMSL ANALYTICALLab City:WESTMONT, NJInstrument ID:5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u

Acquisition Method: 040207TO.M
Calibration Date: 4/2/07
Matrix: Air

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

 Field ID Number:
 AS-5

 Laboratory ID Number:
 280700451-1

 Sampling Date:
 3/26/07

 Lab File ID:
 j4288.d

 Analysis Date:
 04/02/07

 Time Acquired:
 22:50

 Sample Volume(mL):
 250

 Dilution Factor:
 1

T1890

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---|---------------|---------------------|-----------------|---|------------------|----------|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | Ü | 3.5 | |
| Chloromethane | 74-87-3 | 50 | 0.58 | | 1.2 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | U | 1.3 | |
| 1,3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
| Bromomethane | 74-83-9 | 95 | 0.50 | U | 1.9 | |
| Chloroethane | 75-00-3 | 65 | 0.50 | U | 1.3 | |
| Ethanol | 64-17-5 | 46 | 36 | E | 69 | |
| Bromoethene (Vinyl bromide) | 593-60-2 | 107 | 0.50 | U | 2.2 | |
| Freon 11(Trichlorofluoromethane) | 75-69-4 | 137 | 0.50 | Ū | 2.8 | |
| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 16 | | 40 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 1.8 | | 14 | |
| Acetone | 67-64-1 | 58 | 7.1 | | 17 | |
| 1.1-Dichloroethene | 75-35-4 | 97 | 0.50 | U | 2.0 | |
| Acetonitrile | 75-05-8 | 41 | 0.50 | U | 0.84 | |
| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
| Bromoethane (Ethyl bromide) | 74-96-4 | 108 | 0.50 | Ū | 2.2 | |
| | 107-05-1 | 77 | 0.50 | U | 1.6 | |
| 3-Chloropropene (Allyl chloride) | 75-15-0 | 76 | 0.50 | U | 1.6 | - |
| Carbon disulfide | 75-15-0 | 85 | 1.5 | U | 5.2 | |
| Methylene chloride | 107-13-1 | 53 | 0.50 | U | 1.1 | |
| Acrylonitrile | | 88 | 0.50 | U | 1.8 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 97 | 0.50 | U | 2.0 | |
| trans-1,2-Dichloroethene | 156-60-5 | 86 | 0.50 | U | 1.8 | |
| n-Hexane | 110-54-3 | | 0.50 | U | 2.0 | |
| 1,1-Dichloroethane | 75-34-3 | 99 | | | | |
| Vinyl acetate | 108-05-4 | 86 | 0.50 | U | 1.8 3.1 | |
| 2-Butanone(MEK) | 78-93-3 | 72 | 1.1 | | 2.0 | |
| cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | U | | |
| Ethyl acetate | 141-78-6 | 88 | 0.50 | U | 1.8 2.4 | |
| Chloroform | 67-66-3 | 119 | 0.50 | | 1.5 | |
| Tetrahydrofuran | 109-99-9 | 72 | 0.50 | U | | |
| 1,1,1-Trichloroethane | 71-55-6 | 133 | 0.50 | U | 2.7 | <u> </u> |
| Cyclohexane | 110-82-7 | 84 | 0.50 | U | 1.7 | |
| 2,2,4-Trimethylpentane (Isooctane) | 540-84-1 | 114 | 0.50 | U | 2.3 | |
| Carbon tetrachloride | 56-23-5 | 154 | 0.50 | U | 3.1 | |
| n-Heptane | 142-82-5 | 100 | 0.51 | U | 2.1 | |
| 1,2-Dichloroethane | 107-06-2 | 99 | 0.50 | | | |
| Benzene | 71-43-2 | 78 | 0.50 | U | 1.6 | |
| Trichloroethene | 79-01-6 | 131 | 0.50 | U | 2.7 | <u> </u> |
| 1,2-Dichloropropane | 78-87-5 | 113 | 0.50 | U | 2.3 | |
| Bromodichloromethane | 75-27-4 | 164 | 0.50 | U | 3.3 | |
| 1,4-Dioxane | 123-91-1 | 88 | 0.50 | U | 1.8 | |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1 | 100 | 0.50 | U | 2.0 | |
| cis-1,3-Dichloropropene | 10061-01-5 | 111 | 0.50 | U | 2.3 | |
| Toluene | 108-88-3 | 92 | 1.3 | L | 4.9 | |

Lab Name: EMSL ANALYTICAL WESTMONT, NJ

Instrument ID: 5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u
Acquisition Method: 040207TO.M

 Acquisition Method:
 040207

 Calibration Date:
 4/2/07

 Matrix:
 Air

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

Field ID Number: AS-5

 Laboratory ID Number:
 280700451-1

 Sampling Date:
 3/26/07

 Lab File ID:
 j4288.d

 Analysis Date:
 04/02/07

 Time Acquired:
 22:50

Sample Volume(mL): 250
Dilution Factor: 1

Can ID: T1890

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|---|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1,1,2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethene | 127-18-4 | 166 | 0.50 | U | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | U | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | U | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.50 | U | 2.2 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | U | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | U | 3.4 | |
| 4-Ethyltoluene | 622-96-8 | 120 | 0.50 | U | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1.2.4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | U | 2.5 | |
| 1,3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | U | 3.0 | |
| 1,4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | U | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | U | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | U | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U | 3.7 | |
| Hexachloro-1.3-butadiene | 87-68-3 | 261 | 0.50 | U | 5.3 | |

SurrogateResult(ppbv)True(ppbv)%RecoveryLimits %4-Bromofluorobenzene9.9910.0010070 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3. U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

| SAMPL | E | Ν | 0 | |
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| _ab Name: <u>EMS</u> | L ANALYTICAL | Contrac | t: | | | |
| Project No.: | | Site: Location | n: | | Group: _ | |
| Matrix: | AIR | _ | Lab : | Sample ID: | 451-1 | |
| Sample wt/vol: | 250 | | L | ab File ID: | J4288.D | |
| sample way ven | | | Date | Received: | | |
| | | | | | | |
| | | | | | 4/2/07 | |
| GC Column: | RTX-502.2 | ID: <u>0.25</u> (mm) | Dilut | tion Factor: | 1.0 | |
| | | | | | | |
| | | Concentra | ation Units: | | | |
| Number TICs for | und: 2 | Concentra | | ppbv | | |
| | CAS Number | Compound Name | RT | Est. Conc. | Q | |
| | 1. 75-45-6 | Difluorochloromethane | 5.51 | | J | |
| | 2. 75-28-5 | Isobutane | 5.98 | | J | |
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J = Estimated Concentration

B = Detected in Blank

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FORM I VOA TIC

EMSL ANALYTICAL Lab Name: WESTMONT, NJ Lab City: 5972-VOA#4 Instrument ID:

RTX-502.2 60m 0.25mm 1.4u GC Column:

Acquisition Method: 040207TO.M 4/2/07 Calibration Date: Matrix:

5/18, 5/23, 5/25/06 Latest MDL Date:

MTH Analyst:

EMSL 280700451 Air Results for Project:

AS-6 Field ID Number:

280700451-2 Laboratory ID Number: 3/26/07 Sampling Date: j4289.d Lab File ID: Analysis Date: 04/02/07 Time Acquired: 23:37 250 Sample Volume(mL): Dilution Factor:

T2087 Can ID:

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---|---------------|---------------------|-----------------|---|------------------|-------------|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | Ú | 3.5 | |
| Chloromethane | 74-87-3 | 50 | 0.61 | | 1.3 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | Ü | 1.3 | |
| 1,3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
| Bromomethane | 74-83-9 | 95 | 0.50 | U | 1.9 | |
| Chloroethane | 75-00-3 | 65 | 0.50 | U | 1.3 | |
| Ethanol | 64-17-5 | 46 | 120 | E | 220 | |
| Bromoethene (Vinyl bromide) | 593-60-2 | 107 | 0.50 | U | 2.2 | |
| Freon 11(Trichlorofluoromethane) | 75-69-4 | 137 | 0.50 | U | 2.8 | |
| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 39 | E | 96 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 0.50 | U | 3.8 | |
| Acetone | 67-64-1 | 58 | 12 | | 29 | |
| 1,1-Dichloroethene | 75-35-4 | 97 | 0.50 | Ü | 2.0 | |
| Acetonitrile | 75-05-8 | 41 | 0.50 | U | 0.84 | |
| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
| Bromoethane (Ethyl bromide) | 74-96-4 | 108 | 0.50 | U | 2.2 | |
| 3-Chloropropene (Allyl chloride) | 107-05-1 | 77 | 0.50 | U | 1.6 | |
| Carbon disulfide | 75-15-0 | 76 | 0.50 | U | 1,6 | |
| Methylene chloride | 75-09-2 | 85 | 1.5 | Ū | 5.2 | |
| Acrylonitrile | 107-13-1 | 53 | 0.50 | Ū | 1.1 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 88 | 0.50 | U | 1.8 | |
| trans-1,2-Dichloroetherie | 156-60-5 | 97 | 0.50 | U | 2.0 | |
| n-Hexane | 110-54-3 | 86 | 0.50 | U | 1.8 | |
| 1.1-Dichloroethane | 75-34-3 | 99 | 0.50 | U | 2.0 | |
| Vinyl acetate | 108-05-4 | 86 | 0.50 | U | 1.8 | |
| 2-Butanone(MEK) | 78-93-3 | 72 | 4.0 | | 12 | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | Ū | 2.0 | |
| Ethyl acetate | 141-78-6 | 88 | 0.50 | U | 1.8 | |
| Chloroform | 67-66-3 | 119 | 0.50 | Ū | 2.4 | |
| Tetrahydrofuran | 109-99-9 | 72 | 0.50 | U | 1.5 | |
| 1,1,1-Trichloroethane | 71-55-6 | 133 | 0.50 | U | 2.7 | |
| Cyclohexane | 110-82 7 | 84 | 0.50 | U | 1.7 | |
| 2,2,4-Trimethylpentane (Isooctane) | 540-84-1 | 114 | 0.50 | Ū | 2.3 | |
| Carbon tetrachloride | 56-23-5 | 154 | 0.50 | Ū | 3.1 | |
| n-Heptane | 142-82-5 | 100 | 1.2 | | 4.9 | |
| 1,2-Dichloroethane | 107-06-2 | 99 | 0.50 | U | 2.0 | |
| Benzene | 71-43-2 | 78 | 0.50 | U | 1.6 | |
| Trichloroethene | 79-01-6 | 131 | 0.50 | U | 2.7 | |
| 1,2-Dichloropropane | 78-87-5 | 113 | 0.50 | Ü | 2.3 | |
| Bromodichloromethane | 75-27-4 | 164 | 0.50 | U | 3.3 | |
| 1.4-Dioxane | 123-91-1 | 88 | 0.50 | U | 1.8 | |
| 1,4-Dioxane 4 Methyl 2-pentanone(MIBK) | 108-10-1 | 100 | 0.79 | | 3.2 | |
| cis-1,3-Dichloropropene | 10061-01-5 | 111 | 0.50 | U | 2.3 | |
| Toluene | 108-88-3 | 92 | 9.6 | | 36 | |

700451-2.XLS

EMSL ANALYTICAL Lab Name:

WESTMONT, NJ Lab City: Instrument ID: 5972-VOA#4

RTX-502.2 60m 0.25mm 1.4u GC Column:

040207TO.M **Acquisition Method:** 4/2/07 Calibration Date: Air Matrix:

5/18, 5/23, 5/25/06 Latest MDL Date:

Analyst: MTH

EMSL 280700451 Air Results for Project:

Field ID Number: AS-6

280700451-2 Laboratory ID Number:

3/26/07 Sampling Date: Lab File ID: j4289.d 04/02/07 Analysis Date: 23:37 Time Acquired: 250 Sample Volume(mL):

Dilution Factor:

T2087 Can ID:

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|---|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1,1,2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethene | 127 18-1 | 166 | 0.50 | Ü | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | U | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | U | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.58 | | 2.5 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | Ü | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | U | 3.4 | |
| 4-Ethyltolucne | 622-96-8 | 120 | 0.50 | U | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | U | 2.5 | |
| 1,3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | U | 3.0 | |
| 1.4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | U | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | Ü | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | U | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U | 3.7 | |
| Hexachloro-1,3-butadiene | 87-68-3 | 261 | 0.50 | U | 5.3 | |

Limits % %Recovery Result(ppbv) True(ppbv) Surrogate 70 - 130 10.00 4-Bromofluorobenzene 9.99

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

| SAMP | LE | <u>NO.</u> | |
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451-2

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| _ab Name: <u>EMS</u> | L ANALYTICAL | | Contract: | | | <u></u> | |
| Project No.: | | Site: | Location: | | | Group: _ | - |
| Matrix: | AIR | | | Lab S | Sample ID: | 451-2 | |
| Sample wt/vol: | 250 | ML | | L | ab File ID: | J4289.D | |
| | | | | Date | Received: | | |
| | | | | Date | : Analyzed: | 4/2/07 | |
| GC Column: | RTX-502.2 | ID:0.25 | (mm) | Dilut | ion Factor: | 1.0 | |
| | | | | | | | |
| Number TICs fou | ınd: 5 | | Concentratio | | ppbv | | |
| ramber 7265 for | CAS Number | Compound | d Name | | Est. Conc. | Q | |
| | 1. 75-37-6 | Ethane, 1,1-difluoro | | 5.46 | | J | |
| | 2. 75-28-5 | Isobutane | | 5.98 | | J | |
| | 3. 78-78-4 | Butane, 2-methyl- | | 8.10 | | J | |
| | 4. | Unknown | | 9.03 | | J | |
| | 5, 589-34-4 | Hexane, 3-methyl- | | 16.88 | 1 | J | |
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J = Estimated Concentration

B = Detected in Blank

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FORM I VOA-TIC

Lab Name:EMSL ANALYTICALLab City:WESTMONT, NJInstrument ID:5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u

Acquisition Method: 040207TO.M
Calibration Date: 4/2/07
Metrix: Air

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

Field ID Number: AS-2

 Laboratory ID Number:
 280700451-3

 Sampling Date:
 3/26/07

 Lab File ID:
 j4290.d

 Analysis Date:
 04/03/07

 Time Acquired:
 12:24am

 Sample Volume(mL):
 250

 Dilution Factor:
 1

Can ID: T1550

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|--|------------------------|---------------------|-----------------|--|------------------|--|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | U | 3.5 | |
| Chloromethane | 74-87-3 | 50 | 0.52 | | 1.1 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | U | 1.3 | |
| 1,3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
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| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 17 | _ | 42 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 0.50 | U | 3.8 | |
| Acetone | 67-64-1 | 58 | 7.6 | | 18 | |
| 1,1-Dichloroethene | 75-35-4 | 97 | 0.50 | U | 2.0 | |
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| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
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| Carbon disulfide | 75-15-0 | 76 | 0.50 | U | 1.6 | |
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| Acrylonitrile | 107-13-1 | 53 | 0.50 | Ü | 1.1 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 88 | 0.50 | Ü | 1.8 | |
| | 156-60-5 | 97 | 0.50 | U | 2.0 | |
| trans-1,2-Dichloroethene | 110-54-3 | 86 | 0.50 | υ | 1.8 | |
| n-Hexane | 75-34-3 | 99 | 0.50 | U | 2.0 | |
| 1,1-Dichloroethane | 108-05-4 | 86 | 0.50 | U | 1.8 | |
| Vinyl acetate | 78-93-3 | 72 | 1.0 | | 3.1 | |
| 2-Butanone(MEK) cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | U | 2.0 | |
| | 141-78-6 | 88 | 0.50 | U | 1.8 | - |
| Ethyl acetate Chloroform | 67-66-3 | 119 | 0.50 | U | 2.4 | |
| | 109-99-9 | 72 | 0.50 | Ü | 1.5 | - |
| Tetrahydrofuran | 71-55-6 | 133 | 0.50 | Ü | 2.7 | |
| 1,1,1-Trichloroethane | 110-82-7 | 84 | 0.50 | Ü | 1.7 | |
| Cyclohexane | 540-84-1 | 114 | 0.50 | U | 2.3 | |
| 2,2,4-Trimethylpentane (Isooctane) Carbon tetrachloride | 56-23-5 | 154 | 0.50 | U U | 3.1 | |
| | 142-82-5 | 100 | 0.86 | 0 | 3.5 | |
| n-Heptane | 107-06-2 | 99 | 0.50 | U | 2.0 | |
| 1,2-Dichloroethane | | | | | 1.6 | |
| Benzene | 71-43-2 | 78 131 | 0.50 | U | 2.7 | |
| Trichloroethene | 79-01-6 78-87-5 | 131 | 0.50 | Ü | 2.7 | |
| 1,2-Dichloropropane | | 164 | 0.50 | U | 3.3 | |
| Bromodichloromethane | 75-27-4 | 88 | 0.50 | U | 1.8 | |
| 1,4-Dioxane | 123-91-1 | | | U | 2.0 | |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1 10061-01-5 | 100 | 0.50 | U | 2.3 | - |
| cis-1,3-Dichloropropene | | 92 | 1.4 | | 5.1 | |
| Toluene | 108-88-3 | 1 92 | 1 1.4 | L | | |

EMSL ANALYTICAL Lab Name: Lab City: WESTMONT, NJ

5972-VOA#4 Instrument ID:

RTX-502.2 60m 0.25mm 1.4u GC Column:

040207TO.M **Acquisition Method:** 4/2/07 **Calibration Date:** Matrix: Air

5/18, 5/23, 5/25/06 Latest MDL Date:

MTH Analyst:

EMSL 280700451 Air Results for Project:

Field ID Number: AS-2

280700451-3

Laboratory ID Number: 3/26/07 Sampling Date:

j4290.d

Lab File ID: 04/03/07 Analysis Date:

12:24am Time Acquired: Sample Volume(mL): 250

Dilution Factor: T1550 Can ID:

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|---|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1.1.2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethene | 127-18-4 | 166 | 0.50 | U | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | U | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | U | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.50 | U | 2.2 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | U | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | U | 3.4 | |
| 4-Ethyltoluene | 622-96-8 | 120 | 0 50 | U | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | U | 2.5 | |
| 1.3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | Ū | 3.0 | |
| 1,4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | U | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | U | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | U | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U | 3.7 | |
| Hexachloro-1,3-butadiene | 87-68-3 | 261 | 0.50 | U | 5.3 | |

Limits % %Recovery Result(ppbv) True(ppbv) Surrogate 70 - 130 10.00 10.06 4-Bromofluorobenzene

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3. U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

| SA | MPL | E [| ИC |
|----|-----|-----|----|
| | | | |

451_3

| Lab Name: EM | SL ANALYTICAL | Contrac | ct: | |
|----------------|-----------------|-----------------------|--------------------|-----------------|
| Project No.: | | Site: Locatio | on: | Group: |
| Matrix: AIR | | | Lab Sample ID: | 451-3 |
| Sample wt/vol: | 250 | ML | Lab File ID | : J4290.D |
| Sample Wey von | | | Date Received | • |
| | | | | |
| | | | Date Analyzed | : <u>4/3/0/</u> |
| GC Column: | RTX-502.2 | ID: <u>0.25</u> (mm) | Dilution Factor | :1.0 |
| | | 6 | and an interest | |
| Number TICs fo | ound: 1 | Concentr | ation Units: ppbv | |
| | CAS Number | Compound Name | RT Est. Conc. | Q |
| | 1. 75-45-6 | Difluorochloromethane | 5.51 1 | 3 |
| | 2. | | | |
| | 3. | | | |
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| | 29. | | | 1 |

J = Estimated Concentration

B = Detected in Blank

30.

FORM I VOA-TIC

Lab Name: EMSL ANALYTICAL

Lab City:WESTMONT, NJInstrument ID:5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u

Acquisition Method: 040207TO.M
Calibration Date: 4/2/07
Matrix: ^ir

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

Field ID Number: AS-1

Laboratory ID Number: 280700451-4
Sampling Date: 3/26/07
Lab File ID: j4291.d
Analysis Date: 04/03/07
Time Acquired: 1:10am
Sample Volume(mL): 250
Dilution Factor: 1

Can ID: T2206

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---|---------------|---------------------|-----------------|---|------------------|--|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | U | 3.5 | |
| Chloromethane | 74 87 3 | 50 | 0.51 | | 1.1 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | U | 1.3 | |
| 1,3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
| Bromomethane | 74-83-9 | 95 | 0.50 | U | 1.9 | |
| Chloroethane | 75-00-3 | 65 | 0.50 | U | 1.3 | |
| Ethanol | 64-17-5 | 46 | 12 | | 22 | |
| Bromoethene (Vinyl bromide) | 593-60-2 | 107 | 0.50 | U | 2.2 | |
| Freon 11(Trichlorofluoromethane) | 75-69-4 | 137 | 0.50 | U | 2.8 | |
| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 16 | | 40 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 0.50 | U | 3.8 | |
| Acetone | 67-64-1 | 58 | 5.7 | | 14 | |
| 1,1-Dichloroethene | 75-35-4 | 97 | 0.50 | U | 2.0 | |
| Acetonitrile | 75-05-8 | 41 | 0.50 | Ū | 0.84 | |
| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
| Bromoethane (Ethyl bromide) | 74-96-4 | 108 | 0.50 | U | 2.2 | |
| 3-Chloropropene (Allyl chloride) | 107-05-1 | 77 | 0.50 | U | 1.6 | |
| Carbon disulfide | 75-15-0 | 76 | 0.50 | U | 1.6 | |
| Methylene chloride | 75-09-2 | 85 | 1.5 | U | 5.2 | |
| Acrylonitrile | 107-13-1 | 53 | 0.50 | υ | 1.1 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 88 | 0.50 | U | 1.8 | |
| trans-1,2-Dichloroethene | 156-60-5 | 97 | 0.50 | U | 2.0 | |
| n-Hexane | 110-54-3 | 86 | 0.50 | U | 1.8 | |
| 1,1-Dichloroethane | 75-34-3 | 99 | 0.50 | U | 2.0 | |
| Vinyl acetate | 108-05-4 | 86 | 0.50 | U | 1.8 | |
| 2-Butanone(MEK) | 78-93-3 | 72 | 1.1 | | 3.3 | |
| cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | U | 2.0 | |
| Ethyl acetate | 141-78-6 | 88 | 0.50 | U | 1.8 | |
| Chloroform | 67-66-3 | 119 | 0.50 | U | 2.4 | |
| Tetrahydrofuran | 109-99-9 | 72 | 0.50 | U | 1.5 | |
| 1,1,1-Trichloroethane | 71-55-6 | 133 | 0.50 | U | 2.7 | |
| Cyclohexane | 110-82-7 | 84 | 0.50 | U | 1.7 | |
| 2,2,4-Trimethylpentane (Isooctane) | 540-84-1 | 114 | 0.50 | U | 2.3 | |
| Carbon tetrachloride | 56-23-5 | 154 | 0.50 | U | 3.1 | |
| n-Heptane | 142-82-5 | 100 | 0.93 | | 3.8 | |
| 1,2-Dichloroethane | 107-06-2 | 99 | 0.50 | U | 2.0 | |
| Benzene | 71-43-2 | 78 | 0.50 | U | 1.6 | |
| Trichloroethene | 79-01-6 | 131 | 0.50 | U | 2.7 | |
| 1,2-Dichloropropane | 78-87-5 | 113 | 0.50 | U | 2.3 | |
| Bromodichloromethane | 75-27-4 | 164 | 0.50 | U | 3.3 | |
| 1.4-Dioxane | 123-91-1 | 88 | 0.50 | U | 1.8 | |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1 | 100 | 0.50 | U | 2.0 | |
| cis-1,3-Dichloropropene | 10061-01-5 | 111 | 0.50 | U | 2.3 | |
| Toluene | 108-88-3 | 92 | 1.3 | | 4.9 | |

700451-4.XLS

Air Results for Project: EMSL ANALYTICAL Lab Name:

Lab City: WESTMONT, NJ 5972-VOA#4 Instrument ID:

RTX-502.2 60m 0.25mm 1.4u GC Column:

040207TO.M Acquisition Method: 4/2/07 Calibration Date: Air Matrix:

5/18, 5/23, 5/25/06 Latest MDL Date:

MTH Analyst:

EMSL 280700451

AS-1 Field ID Number:

280700451-4

Laboratory ID Number: 3/26/07 Sampling Date: j4291.d Lab File ID: Analysis Date: 04/03/07 1:10am Time Acquired: 250 Sample Volume(mL):

Dilution Factor:

T2206 Can ID:

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|-----|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1,1,2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethono | 127-18-4 | 166 | 0.50 | U | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | U | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | Ü | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.50 | U | 2.2 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | U | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | U | 3.4 | |
| 4-Ethyltoluene | 622-96-8 | 120 | 0 50 | U | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | U | 2.5 | |
| 1,3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | U | 3.0 | |
| 1,4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | Ü | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | Ų | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | U | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U . | 3.7 | |
| Hexachloro-1,3-butadiene | 87-68-3 | 261 | 0.50 | U | 5.3 | |

Limits % %Recovery Result(ppbv) True(ppbv) Surrogate 70 - 130 10.00 10.14 4-Bromofluorobenzene

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3. U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

| SAMPLE NO. | |
|------------|--|
| 451-4 | |

| Lab Name: EMSL | ANALYTICAL | Contra | ct: | | | |
|------------------|--------------|-----------------------|---------------|--------------|---------|--|
| Project No.: | | Site: Location | on: | | Group: | |
| Matrix: | AIR | _ | Lab : | Sample ID: | 451-4 | |
| Sample wt/vol: | 250 | ML | L | ab File ID: | J4291.D | |
| | | | Date | e Received: | | |
| | | | Date | e Analyzed: | 4/3/07 | |
| GC Column: | RTX-502.2 | ID: <u>0.25</u> (mm) | Dilut | tion Factor: | 1.0 | |
| | | Concent | ration Units: | nnh. | | |
| Number TICs foun | nd: <u> </u> | _ | | ppbv | | |
| | CAS Number | Compound Name | RT | Est. Conc. | Q | |
| | 1. 75-45-6 | Difluorochloromethane | 5.51 | 1 | J | |
| | 2. 78-78-4 | Butane, 2-methyl- | 8.10 | 1 | J | |
| | 3. | Unknown | 9.03 | 1 | J | |
| | 4 | | | | | |

| CAS Number | Compound Name | RT | Est. Conc. | Q |
|------------|-----------------------|------|------------|---|
| 1. 75-45-6 | Difluorochloromethane | 5.51 | 1 | J |
| 2. 78-78-4 | Butane, 2-methyl- | 8.10 | | J |
| 3. | Unknown | 9.03 | 1 | J |
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| 29. | | | | |
| 30. | | | | |

J = Estimated Concentration

B = Detected in Blank

FORM I VOA-TIC

Lab Name:EMSL ANALYTICALLab City:WESTMONT, NJInstrument ID:5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u

Acquisition Method: 040207TO.M
Calibration Date: 4/2/07
Matrix: Air

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

Field ID Number: AS-4

 Laboratory ID Number:
 280700451-5

 Sampling Date:
 3/26/07

 Lab File ID:
 j4292.d

 Analysis Date:
 04/03/07

 Time Acquired:
 1:57am

 Sample Volume(mL):
 250

Dilution Factor: 1
Can ID: T2080

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---|---------------|---------------------|-----------------|---|------------------|---|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | U | 3.5 | |
| Chloromethane | 74-87-3 | 50 | 0.52 | | 1.1 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | U | 1.3 | |
| 1.3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
| Bromomethane | 74-83-9 | 95 | 0.50 | υ | 1.9 | |
| Chloroethane | 75-00-3 | 65 | 0.50 | U | 1.3 | |
| Ethanol | 64-17-5 | 46 | 13 | | 24 | |
| Bromoethene (Vinyl bromide) | 593-60-2 | 107 | 0.50 | U | 2.2 | |
| Freon 11(Trichlorofluoromethane) | 75-69-4 | 137 | 0.50 | U | 2.6 | |
| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 4.3 | | 10 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 0.50 | U | 3.8 | |
| Acetone | 67 64 1 | 58 | 3.9 | | 9.4 | |
| 1,1-Dichloroethene | 75-35-4 | 97 | 0.50 | U | 2.0 | |
| Acetonitrile | 75-05-8 | 41 | 0.50 | U | 0.84 | |
| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
| Bromoethane (Ethyl bromide) | 74-96-4 | 108 | 0.50 | U | 2.2 | |
| 3-Chloropropene (Allyl chloride) | 107-05-1 | 77 | 0.50 | υ | 1.6 | |
| Carbon disulfide | 75-15-0 | 76 | 0.50 | U | 1.6 | |
| Methylene chloride | 75-09-2 | 85 | 1.5 | U | 5.2 | |
| Acrylonitrile | 107-13-1 | 53 | 0.50 | U | 1.1 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 88 | 0.50 | U | 1.8 | |
| trans-1,2-Dichloroethene | 156-60 5 | 97 | 0.50 | U | 2.0 | |
| n-Hexane | 110-54-3 | 86 | 0.50 | U | 1.8 | |
| 1.1-Dichloroethane | 75-34-3 | 99 | 0.50 | U | 2.0 | |
| | 108-05-4 | 86 | 0.50 | Ū | 1.8 | |
| Vinyl acetate 2-Butanone(MEK) | 78-93-3 | 72 | 0.81 | | 2.4 | |
| cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | U | 2.0 | |
| Ethyl acetate | 141-78-6 | 88 | 0.50 | Ü | 1.8 | |
| Chloroform | 67-66-3 | 119 | 0.50 | U | 2.4 | |
| Tetrahydrofuran | 109-99-9 | 72 | 0.50 | U | 1.5 | |
| 1,1,1-Trichloroethane | 71-55-6 | 133 | 0.50 | U | 2.7 | |
| Cyclohexane | 110-82-7 | 84 | 0.50 | Ü | 1.7 | |
| 2,2,4-Trimethylpentane (Isooctane) | 540-84-1 | 114 | 0.50 | U | 2.3 | |
| Carbon tetrachloride | 56-23-5 | 154 | 0.50 | U | 3,1 | |
| n-Heptane | 142-82-5 | 100 | 0.50 | U | 2.0 | |
| 1,2-Dichloroethane | 107-06-2 | 99 | 0.50 | Ü | 2.0 | |
| Benzene | 71-43-2 | 78 | 0.50 | U | 1.6 | |
| Trichloroethene | 79-01-6 | 131 | 0.50 | U | 2.7 | |
| 1,2-Dichloropropane | 78-87-5 | 113 | 0.50 | U | 2.3 | |
| Bromodichloromethane | 75-27-4 | 164 | 0.50 | Ų | 3.3 | |
| 1.4-Dioxane | 123-91-1 | 88 | 0.50 | U | 1.8 | |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1 | 100 | 0.50 | Ū | 2.0 | |
| cis-1,3-Dichloropropene | 10061-01-5 | 111 | 0.50 | Ü | 2.3 | _ |
| | 108-88-3 | 92 | 0.84 | | 3.2 | |
| Toluene | 1100 00-0 | | | L | | |

700451-5.XLS

EMSL ANALYTICAL Lab Name: Lab City: WESTMONT, NJ

5972-VOA#4 Instrument ID:

RTX-502.2 60m 0.25mm 1.4u GC Column: 040207TO.M

Acquisition Method: 4/2/07 Calibration Date: Matrix: Air

5/18, 5/23, 5/25/06 Latest MDL Date:

MTH Analyst:

EMSL 280700451 Air Results for Project:

AS-4 Field ID Number: 280700451-5 Laboratory ID Number:

3/26/07 Sampling Date: j4292.d Lab File ID: 04/03/07 Analysis Date: 1:57am Time Acquired: 250 Sample Volume(mL): Dilution Factor:

T2080 Can ID:

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|---|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1,1,2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethene | 127 18-1 | 166 | 0.50 | Ū | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | Ū | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | U | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.50 | U | 2.2 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | Ų | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | Ų | 3.4 | |
| 4-Ethyltoluene | 622-96-8 | 120 | 0.50 | U | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | υ | 2.5 | |
| 1.3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | U | 3.0 | |
| 1,4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | U | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | U | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | ٥ | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U | 3.7 | |
| Hexachloro-1,3-butadiene | 87-68-3 | 261 | 0.50 | U | 5.3 | |

Limits % %Recovery Result(ppbv) True(ppbv) Surrogate 70 - 130 10.00 4-Bromofluorobenzene 9.93

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

Ù= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

| SAM | IPLE | NC |
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451-5

| Lab Name: EMS | L ANALYTICAL | Co | ontract: | | |
|------------------|--------------|-----------------------|-------------------|--|-------------|
| Project No.: | | Site: Lo | cation: | Group | : |
| Matrix: | AIR | | Lab : | Sample ID: <u>451-5</u> | |
| Sample wt/vol: | 250 | | ı | ab File ID: J4292.D | |
| ounipio in y rem | | | Date | e Received: | |
| | | | | e Analyzed: 4/3/07 | |
| | | | | - | |
| GC Column: | RTX-502.2 | ID: <u>0.25</u> (mm | n) Dilut | tion Factor: 1.0 | _ |
| | | Con | centration Units: | | |
| Number TICs for | und: 3 | _ | | ppbv | |
| | CAS Number | Compound Na | me RT | Est. Conc. Q | 7 |
| | 1. 75-45-6 | Difluorochloromethane | 5.50 | 1 J | |
| | 2. | Unknown | 9.04 | 1 J | |
| | 3. 66-25-1 | Hexanal | 22.72 | 1 J | |
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J = Estimated Concentration

B = Detected in Blank

FORM I VOA-TIC

EMSL ANALYTICAL Lab Name: Lab City: WESTMONT, NJ

5972-VOA#4 instrument ID: RTX-502.2 60m 0.25mm 1.4u GC Column:

Air

040207TO.M Acquisition Method: 4/2/07 Calibration Date:

Matrix: 5/18, 5/23, 5/25/06 Latest MDL Date:

MTH Analyst:

EMSL 280700451 Air Results for Project:

AS-3 Field ID Number: 280700451-6 Laboratory ID Number: Sampling Date: 3/26/07 j4293.d Lab File ID: 04/03/07 Analysis Date: 2:44am Time Acquired:

250

Dilution Factor: T1817 Can ID:

Sample Volume(mL):

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---|---------------|---------------------|-----------------|--------------|------------------|--|
| Propylene | 115-07-1 | 42 | 1.0 | U | 1.7 | |
| Freon 12(Dichlorodifluoromethane) | 75-71-8 | 121 | 0.50 | U | 2.5 | |
| Freon 114(1,2-Dichlorotetrafluoroethan | 76-14-2 | 171 | 0.50 | U | 3.5 | |
| Chloromethane | 74-87-3 | 50 | 0.62 | | 1.3 | |
| Vinyl chloride | 75-01-4 | 63 | 0.50 | U | 1.3 | |
| 1,3-Butadiene | 106-99-0 | 54 | 0.50 | U | 1.1 | |
| Bromomethane | 74-83-9 | 95 | 0.50 | U | 1.9 | |
| Chloroethane | 75-00-3 | 65 | 0.50 | U | 1.3 | |
| Ethanol | 64-17-5 | 46 | 67 | E | 130 | |
| Bromoethene (Vinyl bromide) | 593-60-2 | 107 | 0.50 | U | 2.2 | |
| Freon 11(Trichlorofluoromethane) | 75-69-4 | 137 | 0.50 | U | 2.8 | |
| Isopropyl alcohol(2-Propanol) | 67-63-0 | 60 | 46 | E | 110 | |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1 | 187 | 0.50 | U | 3.8 | |
| Acetone | 67-64-1 | 58 | 11 | | 27 | |
| 1.1-Dichloroethene | 75-35-4 | 97 | 0.50 | U | 2.0 | |
| Acetonitrile | 75-05-8 | 41 | 0.50 | U | 0.84 | |
| Tertiary butyl alcohol (TBA) | 75-65-0 | 74 | 0.50 | U | 1.5 | |
| Bromoethane (Ethyl bromide) | 74-96-4 | 108 | 0.50 | U | 2.2 | |
| 3-Chloropropene (Allyl chloride) | 107-05-1 | 77 | 0.50 | U | 1.6 | |
| Carbon disulfide | 75-15-0 | 76 | 0.50 | U | 1.6 | |
| Methylene chloride | 75-09-2 | 85 | 1.5 | U | 5.2 | |
| Acrylonitrile | 107-13-1 | 53 | 0.50 | U | 1.1 | |
| Methyl-tert-butyl ether(MTBE) | 1634-04-4 | 88 | 0.50 | U | 1.8 | |
| trans-1,2-Dichloroethene | 156-60-5 | 97 | 0.50 | U | 2.0 | |
| n-Hexane | 110-54-3 | 86 | 0.56 | | 2.0 | |
| 1,1-Dichloroethane | 75-34-3 | 99 | 0.50 | U | 2.0 | |
| Vinyl acetate | 108-05-4 | 86 | 0.50 | U | 1.8 | |
| 2-Butanone(MEK) | 78-93-3 | 72 | 1.2 | | 3.5 | |
| cis-1,2-Dichloroethene | 156-59-2 | 97 | 0.50 | U | 2.0 | |
| Ethyl acetate | 141-78-6 | 88 | 0.50 | U | 1.8 | La company of the com |
| Chloroform | 67-66-3 | 119 | 0.50 | U | 2.4 | |
| Tetrahydrofuran | 109-99-9 | 72 | 0.50 | U | 1.5 | |
| 1,1,1-Trichloroethane | 71-55-6 | 133 | 0.50 | U | 2.7 | |
| Cyclohexane | 110-82 7 | 84 | 0.50 | U | 1.7 | |
| 2,2,4-Trimethylpentane (Isooctane) | 540-84-1 | 114 | 0.50 | U | 2.3 | |
| Carbon tetrachloride | 56-23-5 | 154 | 0.50 | U | 3.1 | |
| n-Heptane | 142-82-5 | 100 | 1.6 | | 6.7 | |
| 1,2-Dichloroethane | 107-06-2 | 99 | 0.50 | U | 2.0 | |
| Benzene | 71-43-2 | 78 | 0.50 | U | 1.6 | |
| Trichloroethene | 79-01-6 | 131 | 0.50 | U | 2.7 | |
| 1,2-Dichloropropane | 78-87-5 | 113 | 0.50 | U | 2.3 | |
| Bromodichloromethane | 75-27-4 | 164 | 0.50 | U | 3.3 | |
| 1,4-Dioxane | 123-91-1 | 88 | 0.50 | U | 1.8 | |
| 4-Mothyl-2 pontanone(MIBK) | 108-10-1 | 100 | 0.60 | | 2.5 | |
| cis-1,3-Dichloropropene | 10061-01-5 | 111 | 0.50 | U | 2.3 | |
| Toluene | 108-88-3 | 92 | 1.2 | <u></u> | 4.7 | <u> </u> |

Lab Name: EMSL ANALYTICAL
Lab City: WESTMONT, NJ

Instrument ID: 5972-VOA#4

GC Column: RTX-502.2 60m 0.25mm 1.4u

 Acquisition Method:
 040207TO.M

 Calibration Date:
 4/2/07

 Matrix:
 Air

Latest MDL Date: 5/18, 5/23, 5/25/06

Analyst: MTH

Air Results for Project: EMSL 280700451

Field ID Number: AS-3

280700451-6

Laboratory ID Number: 2807004 Sampling Date: 3/26/07

Lab File ID: j4293.d **Analysis Date:** 04/03/07

Time Acquired: 2:44am Sample Volume(mL): 250

Dilution Factor: 1

Can ID: T1817

| Compound | CAS Number | Molecular Weight | Results ppbv | Q | Results ug/m3 | |
|---------------------------|---------------|---------------------|-----------------|----|------------------|--|
| trans-1,3-Dichloropropene | 10061-02-6 | 111 | 0.50 | U | 2.3 | |
| 1.1.2-Trichloroethane | 79-00-5 | 133 | 0.50 | U | 2.7 | |
| 2-Hexanone(MBK) | 591-78-6 | 100 | 0.50 | U | 2.0 | |
| Tetrachloroethene | 127-18-4 | 166 | 0.50 | U | 3.4 | |
| Dibromochloromethane | 124-48-1 | 208 | 0.50 | U | 4.3 | |
| 1,2-Dibromoethane | 106-93-4 | 188 | 0.50 | U | 3.8 | |
| Chlorobenzene | 108-90-7 | 113 | 0.50 | U | 2.3 | |
| Ethylbenzene | 100-41-4 | 106 | 0.50 | U | 2.2 | |
| Xylene (para & meta) | 1330-20-7 | 106 | 0.50 | υ | 2.2 | |
| Xylene (Ortho) | 95-47-6 | 106 | 0.50 | U | 2.2 | |
| Styrene | 100-42-5 | 104 | 0.50 | υ | 2.1 | |
| Bromoform | 75-25-2 | 253 | 0.50 | U | 5.2 | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 168 | 0.50 | υ | 3.4 | |
| 4-Ethyltoluene | 622-96-8 | 120 | 0.50 | IJ | 2.5 | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 120 | 0.50 | U | 2.5 | |
| 2-Chlorotoluene | 95-49-8 | 127 | 0.50 | U | 2.6 | |
| 1.2.4-Trimethylbenzene | 95-63-6 | 120 | 0.50 | U | 2.5 | |
| 1,3-Dichlorobenzene | 541-73-1 | 147 | 0.50 | U | 3.0 | |
| 1.4-Dichlorobenzene | 106-46-7 | 147 | 0.50 | U | 3.0 | |
| Benzyl chloride | 100-44-7 | 179 | 0.50 | U | 3.7 | |
| 1,2-Dichlorobenzene | 95-50-1 | 147 | 0.50 | U | 3.0 | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 182 | 0.50 | U | 3.7 | |
| Hexachloro-1,3-butadiene | 87-68-3 | 261 | 0.50 | Ú | 5.3 | |

SurrogateResult(ppbv)True(ppbv)%RecoveryLimits %4-Bromofluorobenzene9.9510.0010070 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3. U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

| SAMPI | LE NO |
|-------|-------|
| | |

451-6

| Lab Name: EMS | L ANALYTICAL | Contract: | | | |
|-----------------|---------------|-----------------------|-------------|-----------------|--------|
| Project No.: | | Site: Location: | : | Grou | p: |
| Matrix: | AIR | | Lab San | nple ID: 451-6 | |
| Sample wt/vol: | 250 | | Lab File ID | | |
| Sumple way ver | | | Date Re | eceived: | |
| | | | | nalyzed: 4/3/07 | |
| | | | | | |
| GC Column: | RTX-502.2 | ID:0.25(mm) | Dilution | Factor: 1.0 | |
| | | Concentral | tion Units: | | |
| Number TICs for | ınd: <u>7</u> | ppbv | | | |
| | CAS Number | Compound Name | RT Es | t. Conc. Q | |
| | 1. 75-37-6 | Ethane, 1,1-difluoro- | 5.44 | 1 J | |
| | 2. 75-45-6 | Difluorochloromethane | 5.50 | 1 J | |
| | 3. 75-28-5 | Isobutane | 5.98 | 1 J | |
| | 4. 78-78-4 | Butane, 2-methyl- | 8.10 | 1 J | |
| | 5. 504-60-9 | 1,3-Pentadiene | 10.16 | 1 J | |
| | 6. | Unknown Hydrocarbon | 16.45 | 1 J | |
| | 7. 589-34-4 | Hexane, 3-methyl- | 16.88 | 1 J | |
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J = Estimated Concentration

B = Detected in Blank

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FORM I VOA-TIC

28070045,

EMSL Project#

EMSL ANALYTICAL, INC.

Westmont, New Jersey 08108 856-858-4800 Extension 1301 107 Haddon Avenue 856-858-3502 Fax or

mhowley@emsl.com or svanetten@emsl.com

External

Chain of Custody / Analysis Request Form

Note: Please complete all required information. Incomplete shaded areas may hinder processing samples.

Project Name:

Weather conditions (if known): Bar. Pressure:

Sample Shipping and Transport Notice

The individual signing this decument to relinquish the samplets) is indicating that the samplets is safe being shipped in compliance with all applicable local, state or Federal as well as international laws, regulations and colinances EMSL Analytical, his assumes no liability with respect to sample in this shipment. The renquishing signature in addition indicates agreement to hold hamless, defend and indemnify EMSL Analytical.

% Humidity.

Was Custody Seal Broken? []Yes KNo Was Custody Seal Broken? []Yes []No Was Custody Seal Broken? []Yes []No Inc. against any claim, demand, or action, related to the sampling, handling, or shipping of samples. Call the D.O.T. Hotline 21 -(800) 467-4922 for questions about regulations. Receipt 1 'n Do you want your results e-mailed? ı ì 1 Canister / Vacuum Final Q 5 5: Date/Time Results Needed 4 7 Affixed Custody Seal No. Affixed Custody Seal No. Affixed Custody Seal No 2 5-1987 20 Initial -30 130 £ -30 -30 STO Field Test Values (mdd) (200) 000 Requested 200 Analyses TO-15 Date/Time 5. Date of Sample Shipment Date/Time Date/Time Date/Time Date/Time Date/Time INo, required if you will need help interpreting your report 3-27-0 CONT. TIME CO. 7246163-1215 7381836-3681867 7383C97-63V 7388576 -8L Regulator ID 72721C1-1211 7367676867 MORGAN 4852-1528 128 E-mail: PMOLLERN @ Bluckstere Company: BLACKSWAE BACKSTOFF Company: EMSL Write N/A in blanks not applicable. 1 Other CompanyONS Tel.# 321-251-7532 Name: PORTER Contact Person 1045 040 0703 250 0200 0110 Stop Company: Time Company: Company Sampling Date / 10-12-6 10-62-5 12-12-5 3-270) 3-27-67 FAX #: 3-27-0 Vent Gas Stop 4. # of Samples in Shipment S. B. C. L. 1103911 1105 PM 110 21 2010 1042 Start Date / Time Sampling Soil Gas 3-26-67 3-26-07 3-56-57 3-26-07 7.792.2 Custody and Sample Information - Print ALL information. Start ٦ / SAM TOPOTY MORCAF (-945A Sample ID 2. Bill To: このもき 45-2 A5-4 Client AST AYZ POPTER X] Indoor Air Quality PORTER PORTE]Yes Relinquished by (print/sign): Stare Library Search needed: [Canister 5220C Poster Morean 1389 52080 \Box Relinquished by (print/sign): Relinquished by (print/sign) のしならなどのうの 321 BWETAY WAY Sampled by (Signature) Received by (print/sign): Received by (print/sign): Received by (print/sign): DELANDO,F.C Sample Type: 1. Report to: Sample ID ~ ဖ # meji က 4 S

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Was Custody Seal Broken? []Yes []No

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Date/Time

Date/Time

Company: Company: *24-Hou

*48-Hour

*96-Hour

Standard 5-10 Days*

Stew Kost

Relinquished by (print/sign):

Received by (print/sign):

Please indicate Turn Around Time needed:

Comments:

*TAT subject to laboratory workload. A limited amount of 5 day TAT can be accepted by laboratory

Please indicate reporting requirements:

1) Results only

2) Other (Attach a copy of requirements)

Affixed Custody Seal No.